



UNIVERSITY OF CALIFORNIA RIVERSIDE

DEPARTMENT OF MATHEMATICS

Colloquium

Dr. Uwe Nagel
University of Kentucky

“Blow-up rings associated to Ferrers and threshold graphs”

Abstract:

Starting from the classical Dedekind-Mertens lemma about the content of polynomials, we are lead to consider various rings and ideals associated to Ferrers and threshold graphs. This includes minimal reductions, special fiber and Rees rings. In particular, a generalization of ladder determinantal ideals of a symmetric matrix is studied.

Wednesday, April 17th, 2013

Surge 284

Tea Time 3:40 p.m. – Talk Begins 4:10 p.m.